



Influence of Project Triple Constraint on Residential Building Project among Kuantan Malaysian Construction Industry

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Abstract

The main goal was to examine a series of hindrances that are related to the construction projects, most of which were caused by delay in time, cost overrun and poor quality of the projects. Aside from these, the lack of proper planning regarding cost estimation may sometimes lead to overestimation or underestimation, thus resulting in the delay of construction projects or incompleteness of the task. To address these issues above, this research paper aims to: 1) To investigate the significant relationship between time and construction project among Kuantan, Malaysia construction industry; 2) To investigate the significant relationship between cost and construction project among Kuantan, Malaysia construction industry; and 3) To investigate the significant relationship between quality and construction project among Kuantan, Malaysia construction industry. The data were collected from 89 respondents among Kuantan construction companies. In this research, PLS-SEM technique was used to assess both the measurement and structural models. The result shows that there is a significant relationship between the quality and construction projects of residential building in Kuantan, Malaysia. The relationship of quality in triple constraints and the residential buildings was also found to be positively correlated in this study.

Keywords: *Construction industry, time, cost, quality, residual building project.*

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